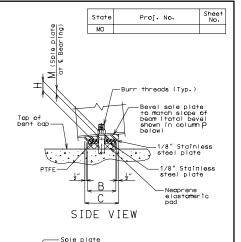


Ν @ \_\_\_\_\_ Ø Swedge anchor bolt (Typ.) Top of Conc. beam Q beam cap nut (Typ.) Sole plate Neoprene 1/8" Stainless elastomeric steel plate -Flat surface (see Section 712 of the Missouri Standard Specifications) 1/8" Stainless steel plate

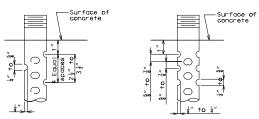


Provide a 1/2" stopper plate to prevent loss of support due to creeping of PTFE bearings from under girder at expansion bearings.

To prevent sliding, the neoprene pad shall be bonded to the bearing seat with an epoxy adhesive as approved by the bearing manufacturer for bonding neoprene to concrete. The top and bottom pates shall be properly aligned before gluing pads.

Payment for all galvanized material shall be included in the cost of PTFE Bearings per each.

The bottom face of the 1/8" stainless steel plate that is welded to the sole plate shall be lubricated with a lubricant that is approved by the bearing manufacturer.



DETAIL FOR 3/4" Ø THRU 2-1/2" Ø ANCHOR BOLTS

OPTIONAL DETAIL FOR 1-3/8" Ø THRU 2-1/2" Ø ANCHOR BOLTS

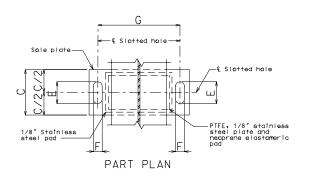
PTFE SLIDING BEARINGS

G Н

(\*) The required shim plate shall be placed between layers of elastoms and molded together to form an integral unit.

SWEDGE ANCHOR BOLT DETAILS

Δ В С D E



NUMBER OF SHIM PLATES(\*)

TOTAL BEARINGS

NUMBER REQUIRED

1/8" Stainless steel plate Bond Polytetrafluoroethylene (PTFE) to 1/8" stainless steel plate, then to neoprene elastomeric pad <u></u>å″ (Min.) (Typ.) 11 Gage or 1/8" shim plate (see table for number required) -Neoprene elastomeric pad (bond to bearing seat with approved epoxy adhesive

NEOPRENE ELASTOMERIC PAD

## GENERAL NOTES:

END VIEW

All structural steel for the anchor bolts and heavy hexagon nuts shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum).

Neoprene Elastomeric Pads shall be Durometer.

The sole plate shall be furnished with the bearing and field welded to the girders.

Structural steel for sole plate shall be ASTM A709 Grade (1). The stainless steel plate shall be protected from any coating.

The accepted quantity of elastomeric bearing assemblies, complete-in-place, will be paid for at the contract unit price for Type N PTFE Bearings. each.

Payment for the sole plate, anchor bolts and heavy hexagon nuts shall be included in the cost of the bearing assembly. See Special Provisions.

(1) USE NOTE H3.29 OR H3.29.1, CHECK WITH STRUCTURAL PROJECT MANAGER.

1/8" Stainless

BRG 6

## "N" PTFE DETAILS OF TYPE Note: This drawing is not to scale. Follow dimensions.

М N Ρ Q

> Sheet No. of

COUNTY

Detailed Checked